| L      | Hits | Search Text   | DB                             | Time stamp                   |
|--------|------|---|--------------------------------|------------------------------|
| Number |      |   |                                |                              |
|        | 41   | Search Text   | USPAT;<br>US-PGPUB             | 2004/01/21<br>14:11          |
| 2      | 24   | or US-20020166891-\$ or US-20020156683-\$ or US-20020099895-\$ or US-20020099894-\$ or US-20020078248-\$).did. ((US-6195589-\$ or US-6065880-\$ or US-6536670-\$ or US-6041374-\$ or US-6600657-\$ or US-5675524-\$ or US-6657654-\$ or US-6266539-\$ or US-5822546-\$ or US-6448988-\$ or US-6300946-\$ or US-5900875-\$ or US-6512467-\$ or US-5841076-\$ or US-5150118-\$ or US-6650254-\$ or US-6608637-\$ or US-6049453-\$ or US-5265238-\$ or US-5867729-\$ or  | USPAT;<br>US-PGPUB             | 2004/01/21<br>14:13          |
| 3      | 16   | US-6652170-\$ or US-6535199-\$ or US-6375344-\$ or US-6353870-\$ or US-6405049-\$ or US-6519144-\$).did. or (US-6119179-\$).did. or (US-20030181168-\$ or US-20030048258-\$ or US-20030001909-\$ or US-20030116631-\$ or US-20030006998-\$ or US-20020153414-\$ or US-20020099804-\$ or US-20020166891-\$ or US-20020156683-\$ or US-2002009895-\$ or US-20020099894-\$ or US-20020078248-\$).did.) and radio ((US-6195589-\$ or US-6065880-\$ or US-6536670-\$ or US-6041374-\$ or US-6600657-\$ or US-6648539-\$ or US-6657654-\$ or US-6266539-\$ or US-6657654-\$ or US-6266539-\$ or US-5822546-\$ or US-6448988-\$ or | USPAT;<br>US-PGPUB             | 2004/01/21<br>15:13          |
|        |      | US-6300946-\$ or US-5900875-\$ or US-6512467-\$ or US-5841076-\$ or US-5150118-\$ or US-6650254-\$ or US-6608637-\$ or US-66049453-\$ or US-5265238-\$ or US-5867729-\$ or US-6652170-\$ or US-6535199-\$ or US-6375344-\$ or US-6353870-\$ or US-6405049-\$ or US-6519144-\$).did. or (US-200300181168-\$ or US-20030048258-\$ or US-20030001909-\$ or US-20030116631-\$ or US-20030016998-\$ or US-20020156683-\$   |                                |                              |
| 4      | 6    | or US-20020099895-\$ or US-20020099894-\$ or US-20020078248-\$).did.) and radio and "bar code" (("5675524") or ("5867729") or ("6767271)  | USPAT;                         | 2004/01/21                   |
| 5      | 6    | ("6535199") or ("6512467") or ("6600657")<br>or ("20020078248")).PN.<br>(("6195589") or ("6065880") or<br>("5900875") or ("20030001909") or<br>("6300946") or ("20030181168")).PN.  | US-PGPUB<br>USPAT;<br>US-PGPUB | 15:15<br>2004/01/21<br>15:21 |

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|          |       | [ (210 (202)  | HCDAM.                    | 2004/01/21          |
|----------|-------|---|---------------------------|---------------------|
| 6        | 204   | (710/303).CCLS.   | USPAT;<br>US-PGPUB        | 2004/01/21<br>15:22 |
| 7        | 6733  | (adapter or external or "personality                                    | USPAT;                    | 2004/01/21          |
| '        | 0/33  | card" or interface or "personality                                      | US-PGPUB;                 | 15:24               |
|          |       | module") and (((application or function)                                | EPO; JPO;                 | 10.2.               |
|          |       | near6 (button or key)) near10 (configur\$6                              | DERWENT;                  |                     |
|          | }     | or reconfigur\$6 or re-configur\$6 or                                   | IBM TDB                   |                     |
|          |       | <pre>program\$6 or reprogram\$6 or custom\$))</pre>                     | _                         |                     |
| 8        | 12    | ((710/303).CCLS.) and ((adapter or                                      | USPAT;                    | 2004/01/21          |
|          |       | external or "personality card" or                                       | US-PGPUB;                 | 15:24               |
|          |       | interface or "personality module") and                                  | EPO; JPO;                 |                     |
|          |       | (((application or function) near6 (button                               | DERWENT;                  |                     |
|          |       | or key)) near10 (configur\$6 or   | IBM_TDB                   |                     |
|          |       | reconfigur\$6 or re-configur\$6 or                                      |                           | 1                   |
|          |       | <pre>program\$6 or reprogram\$6 or custom\$)))</pre>                    |                           |                     |
| -        | 5471  | , ,,  | USPAT;                    | 2004/01/16          |
|          |       | (adapter or expansion)  | US-PGPUB;                 | 10:56               |
|          |       |   | EPO; JPO;<br>DERWENT;     |                     |
|          |       |   | · ·                       |                     |
| 1_       | 1248  | (pda or "personal digital assistant")                                   | IBM_TDB<br>USPAT;         | 2004/01/14          |
|          | 12,70 | same (adapter or expansion)   | US-PGPUB;                 | 10:41               |
|          | 1     | (waapasa sa sapaaaaasaa)  | EPO; JPO;                 | '                   |
|          | 1     |   | DERWENT;                  |                     |
|          | 1     |   | IBM TDB                   |                     |
| -        | 653   | ((pda or "personal digital assistant")                                  | USPAT;                    | 2004/01/14          |
|          | 1     | same (adapter or expansion)) and  | US-PGPUB;                 | 10:42               |
|          | 1     | configura\$5  | EPO; JPO;                 |                     |
|          |       |   | DERWENT;                  |                     |
|          |       |   | IBM_TDB                   |                     |
| -        | 367   | (((pda or "personal digital assistant")                                 | USPAT;                    | 2004/01/14          |
|          |       | same (adapter or expansion)) and  | US-PGPUB;                 | 10:42               |
|          |       | configura\$5) and (button or key)                                       | EPO; JPO;<br>DERWENT;     |                     |
|          |       |   | IBM TDB                   |                     |
| _        | 169   | ((((pda or "personal digital assistant")                                | USPAT;                    | 2004/01/14          |
|          |       | same (adapter or expansion)) and  | US-PGPUB;                 | 10:43               |
|          |       | configura \$5) and (button or key)) and                                 | EPO; JPO;                 |                     |
|          |       | radio   | DERWENT;                  |                     |
|          |       |   | IBM_TDB                   |                     |
| <b>-</b> | 27    | ((((pda or "personal digital assistant")                                | USPAT;                    | 2004/01/14          |
|          |       | same (adapter or expansion)) and configura\$5) and (button or key)) and | US-PGPUB;                 | 10:43               |
|          |       | (pda or "personal digital assistant").ti.                               | EPO; JPO;<br>DERWENT;     |                     |
|          |       | there or hersonar argical assistant ).tl.                               | IBM TDB                   |                     |
| _        | 1258  | <br>  (pda or "personal digital assistant" or                           | USPAT;                    | 2004/01/14          |
|          |       | "handheld personal computer") same                                      | US-PGPUB;                 | 10:41               |
|          |       | (adapter or expansion)  | EPO; JPO;                 |                     |
|          | [     | - ·   | DERWENT;                  |                     |
|          | [     |   | IBM_TDB                   | [                   |
| -        | 661   | ((pda or "personal digital assistant" or                                | USPAT;                    | 2004/01/14          |
|          |       | "handheld personal computer") same                                      | US-PGPUB;                 | 10:42               |
|          |       | (adapter or expansion)) and configura\$5                                | EPO; JPO;                 |                     |
|          |       |   | DERWENT;                  |                     |
| _        | 371   | <br>  (((pda or "personal digital assistant" or                         | <pre>IBM_TDB USPAT;</pre> | 2004/01/14          |
|          | 3/1   | "handheld personal computer") same                                      | US-PGPUB;                 | 10:43               |
|          |       | (adapter or expansion)) and configura\$5)                               | EPO; JPO;                 |                     |
|          |       | and (button or key)   | DERWENT;                  |                     |
|          |       | •   | IBM_TDB                   |                     |
| -        | 170   | ((((pda or "personal digital assistant"                                 | USPĀT;                    | 2004/01/14          |
|          |       | or "handheld personal computer") same                                   | US-PGPUB;                 | 10:43               |
|          |       | (adapter or expansion)) and configura\$5)                               | EPO; JPO;                 |                     |
|          |       | and (button or key)) and radio  | DERWENT;                  |                     |
| 1_       | 27    | ((((pda or "personal digital assistant"                                 | IBM_TDB<br>USPAT;         | 2004/01/14          |
|          |       | or "handheld personal computer") same                                   | US-PGPUB;                 | 11:45               |
|          |       | (adapter or expansion)) and configura\$5)                               | EPO; JPO;                 |                     |
|          | ]     | and (button or key)) and (pda or  | DERWENT;                  |                     |
|          |       | "personal digital assistant" or "handheld                               | IBM_TDB                   |                     |
|          |       | personal computer").ti.   | <del>-</del>              |                     |
|          |       |   |                           |                     |

| - | 50139    | pda or "personal digital assistant" or "handheld personal computer" or "handheld   | USPAT;<br>US-PGPUB;    | 2004/01/14            |
|---|----------|--|------------------------|-----------------------|
|   |          | pc" or "palmtop computer"  | EPO; JPO;              |                       |
|   |          |  | DERWENT;<br>IBM TDB    |                       |
| _ | 2271     | (pda or "personal digital assistant" or  | USPAT;                 | 2004/01/14            |
|   |          | "handheld personal computer" or "handheld  | US-PGPUB;              | 11:48                 |
|   |          | pc" or "palmtop computer") and ("bar code")  | EPO; JPO;<br>DERWENT;  |                       |
|   |          | Code   | IBM TDB                |                       |
| - | 7640     | (pda or "personal digital assistant" or  | USPAT;                 | 2004/01/14            |
|   |          | "handheld personal computer" or "handheld pc" or "palmtop computer") and (adapter  | US-PGPUB;<br>EPO; JPO; | 11:48                 |
|   |          | or expansion)  | DERWENT;               |                       |
|   |          |  | IBM_TDB                |                       |
| - | 5084     | ((pda or "personal digital assistant" or "handheld personal computer" or "handheld | USPAT;<br>US-PGPUB;    | 2004/01/14            |
|   |          | pc" or "palmtop computer") and (adapter  | EPO; JPO;              | 11.45                 |
|   |          | or expansion)) and configura\$6  | DERWENT;               |                       |
| _ | 3173     | (((pda or "personal digital assistant" or  | IBM_TDB<br>USPAT;      | 2004/01/14            |
|   | 3173     | "handheld personal computer" or "handheld  | US-PGPUB;              | 11:50                 |
|   |          | pc" or "palmtop computer") and (adapter  | EPO; JPO;              |                       |
|   |          | or expansion)) and configura\$6) and (button or key)                               | DERWENT;<br>IBM TDB    |                       |
| _ | 0        |  | USPAT;                 | 2004/01/14            |
|   |          | assistant" or "handheld pc" or "handheld   | US-PGPUB;              | 11:51                 |
|   |          | personal computer" or "palmtop computer").ti.                                      | EPO; JPO;<br>DERWENT;  |                       |
|   |          | Computer /.tr.   | IBM TDB                |                       |
| - | 36       |  | USPAT;                 | 2004/01/14            |
|   |          | or "handheld personal computer" or "handheld pc" or "palmtop computer") and        | US-PGPUB;<br>EPO; JPO; | 11:51                 |
|   |          | (adapter or expansion)) and configura \$6)   | DERWENT;               |                       |
|   |          | and (button or key)) and (pda or   | IBM_TDB                |                       |
|   |          | "personal digital assistant" or "handheld pc" or "handheld personal computer" or   |                        |                       |
|   |          | "palmtop computer").ti.  |                        |                       |
| - | 9        | (((((pda or "personal digital assistant"   | USPAT;                 | 2004/01/14            |
|   |          | or "handheld personal computer" or "handheld pc" or "palmtop computer") and        | US-PGPUB;<br>EPO; JPO; | 11:58                 |
|   |          | (adapter or expansion)) and configura\$6)  | DERWENT;               |                       |
|   |          | and (button or key)) and (pda or   | IBM_TDB                |                       |
| } |          | "personal digital assistant" or "handheld pc" or "handheld personal computer" or   |                        |                       |
|   |          | "palmtop computer").ti.) not ((((pda or  |                        |                       |
|   |          | "personal digital assistant" or "handheld  |                        |                       |
|   |          | personal computer") same (adapter or expansion)) and configura\$5) and (button     |                        |                       |
|   |          | or key)) and (pda or "personal digital   |                        |                       |
|   |          | assistant" or "handheld personal computer").ti.)                                   |                        |                       |
| _ | 406      | ((((pda or "personal digital assistant"  | USPAT;                 | 2004/01/14            |
|   |          | or "handheld personal computer" or   | US-PGPUB;              | 12:01                 |
|   |          | "handheld pc" or "palmtop computer") and (adapter or expansion)) and configura\$6) | EPO; JPO;<br>DERWENT;  |                       |
|   |          | and (button or key)) and "bar code"  | IBM_TDB                |                       |
| - | 9        | 6195589.URPN.  | USPĀT                  | 2004/01/14            |
| _ | 380778   | (configura\$6 or reconfigura\$6 or   | USPAT;                 | 12:42<br>  2004/01/16 |
|   |          | re-configura\$6 or program or reprogram or   | US-PGPUB;              | 10:59                 |
|   |          | custom\$6) same (button or key or  | EPO; JPO;              | ]                     |
|   |          | function)  | DERWENT;<br>IBM TDB    |                       |
| - | 212806   | ((configura\$6 or reconfigura\$6 or  | USPĀT;                 | 2004/01/16            |
|   |          | re-configura \$6 or program or reprogram or  | US-PGPUB;              | 11:00                 |
|   |          | custom\$6) same (button or key or function)) and (adapter or external or           | EPO; JPO; DERWENT;     |                       |
|   |          | personality or interface)  | IBM_TDB                |                       |
| - | 17621    | ("710").CLAS.  | USPAT;                 | 2004/01/16<br>11:00   |
| L | <u> </u> |  | US-PGPUB               | 11:00                 |

| - 0 ("15and14").PN.  - 6078 (((configura\$6 or reconfigura\$6 or re-configura\$6 or program or reprogram or custom\$6) same (button or key or function)) and (adapter or external or personality or interface)) and (("710").CLAS.)  - 6078 (((configura\$6 or reconfigura\$6 or re-configura\$6 or program or reprogram or custom\$6) same (button or key or function)) and (adapter or external or personality or interface)) and (("710").CLAS.)  - 129 (((configura\$6 or program or reprogram or custom\$6) same (button or key or function)) and (adapter or external or personality or interface)) and (("710").CLAS.)  - 129 (((configura\$6 or program or reprogram or custom\$6) same (button or key or function)) and (adapter or external or personality or interface)) and (("710").CLAS.)) and "bar code"  - 5 6065880.URPN.  - 0 6600657.URPN.  - 20 ("5664231"   "5675524"   "5675525"   USPAT 2004/01/16 12:26 2004/01/16 12:27 "5708853"   "5768163"   "5808672"   USPAT 2004/01/16 12:27 "5708853"   "5867218"   "5936609"   "5948086"   "5991468"   "6009336"   "605880"   "6041374"   "6050848"   "605880"   "6041374"   "6050848"   "605880"   "6041374"   "6050848"   "605880"   "6041374"   "6050848"   "605880"   "6041374"   "6050848"   "605880"   "6041374"   "6050848"   "605880"   "6041374"   "6050848"   "605880"   "6041374"   "6050848"   "605880"   "6041374"   "6050848"   "605880"   "6041374"   "6050848"   "605880"   "6041374"   "6050848"   "6050480"   "6065880"   "6041374"   "6050848"   "6050480"   "6041374"   "6050848"   "6050400"   "6065880"   "6041374"   "6050848"   "6050400"   "6065880"   "6041374"   "605080"   "6041374"   "605080"   "6065880"   "6041374"   "605080"   "6041374"   "605080"   "6041374"   "605080"   "6041374"   "605080"   "6065880"   "6041374"   "605080"   "6041374"   "605080"   "6041374"   "605080"   "6041374"   "605080"   "6065880"   "6065880"   "6065880"   "6065880"   "6065880"   "6065880"   "6065880"   "6065880"   "6065880"   "6065880"   "6065880"   "6065880"   "6065880"   "6065880"   "6065880"   "6065880"   "6065880"   "6065880"   "60 |   |
|--|---|
| G078   |   |
| re-configura\$6 or program or reprogram or custom\$6) same (button or key or function)) and (adapter or external or personality or interface)) and (("710").cLAS.)  6078 (((configura\$6 or reconfigura\$6 or re-configura\$6 or re-configura\$6 or program or reprogram or custom\$6) same (button or key or function)) and (adapter or external or personality or interface)) and (("710").cLAS.)  129 (((configura\$6 or reconfigura\$6 or re-configura\$6 or re-configura\$6 or re-configura\$6 or re-configura\$6 or re-configura\$6 or resprogram or custom\$6) same (button or key or function)) and (adapter or external or personality or interface)) and (("710").cLAS.)) and "bar code"  6065880.URPN.  5 6065880.URPN.  0 6600657.URPN.  10SPAT 2004/01/16 12:26 USPAT 2004/01/16 12:27 "5708853"   "5768163"   "5675525"   USPAT 2004/01/16 12:27 "5815205"   "5867218"   "5936609"   "5948066"   "5991468"   "5936609"   "603098"   "6041374"   "6050848"   "605886"   "601374"   "6050848"   "601374"   "6050848"   "6219256"   "6230214").PN.  3 5675524.URPN.  0 6657654.URPN.  USPAT 2004/01/16 12:31 USPAT 2004/01/16 12:31 2004/01/16 12:33  |   |
| custom\$6   same (button or key or function)   and (adapter or external or personality or interface)   and (("710").CLAS.) (((configura\$6 or reconfigura\$6 or reconfigura\$6 or reconfigura\$6 or reconfigura\$6 or program or reprogram or custom\$6)   same (button or key or function)   and (adapter or external or personality or interface)   and (("710").CLAS.) (((configura\$6 or reconfigura\$6 or reconfigura\$6 or reconfigura\$6 or reconfigura\$6 or reconfigura\$6 or reconfigura\$6 or resonality or interface)   and (("710").CLAS.)   and (adapter or external or personality or interface)   and (("710").CLAS.))   and "bar code"   USPAT   2004/01/16   12:26   2004/01/16   2004 |   |
| function) and (adapter or external or personality or interface) and (("710").CLAS.)  (((configura\$6 or reconfigura\$6 or re-configura\$6 or re-configura\$6 or reprogram or reprogram or custom\$6) same (button or key or function)) and (adapter or external or personality or interface)) and (("710").CLAS.)  129 ((((configura\$6 or reconfigura\$6 or re-configura\$6 or re-configura\$6 or reprogram or custom\$6) same (button or key or function)) and (adapter or external or personality or interface)) and (("710").CLAS.))  100 (("710").CLAS.)) and "bar code"  1120 ("5665880.URPN.  1122 ("5664231"   "5675524"   "5675525"   USPAT 2004/01/16 12:27  120 ("5664231"   "5675524"   "5675525"   USPAT 2004/01/16 12:27  120 ("5684231"   "5675524"   "5808672"   USPAT 2004/01/16 12:27  121 ("5815205"   "5867218"   "5936609"   "5948086"   "6036098"   "6041374"   "6050848"   "605880"   "6041374"   "6050848"   "6219256"   "6219256"   "6230214").PN.  120 (6657654.URPN. USPAT 2004/01/16 12:33   |   |
| personality or interface) and (("710").CLAS.)  |   |
| - 6078 (("710").CLAS.) (((configura\$6 or reconfigura\$6 or reconfigura\$6 or reconfigura\$6 or reconfigura\$6 or reconfigura\$6 or reconfigura\$6 or reprogram or custom\$\$6\$) same (button or key or function)) and (adapter or external or personality or interface)) and (("710").CLAS.)  - 129 ((((configura\$6 or reconfigura\$6 or reprogram or custom\$\$6\$) same (button or key or function)) and (adapter or external or personality or interface)) and (("710").CLAS.)) and "bar code"  - 5 6065880.URPN. USPAT 2004/01/16 12:26  - 0 6600657.URPN. USPAT 2004/01/16 12:27  - 20 ("5664231"   "5675524"   "5675525"   USPAT 2004/01/16 12:27  - 20 ("5664231"   "5768163"   "5808672"   USPAT 2004/01/16 12:27  - 5948086"   "5991468"   "5936609"   "5936609"   "6036098"   "6041374"   "6050848"   "605880"   "6083353"   "6217359"   "6219256"   "6230214").PN.  - 33 5675524.URPN. USPAT 2004/01/16 12:31  - 0 6657654.URPN. USPAT 2004/01/16 12:31  |   |
| re-configura\$6 or program or reprogram or custom\$6) same (button or key or function)) and (adapter or external or personality or interface)) and (("710").CLAS.)   129   |   |
| Custom\$6) same (button or key or function)) and (adapter or external or personality or interface)) and (("710").CLAS.)   129   ((((configura\$6 or reconfigura\$6 or re-configura\$6 or re-configura\$6 or program or reprogram or custom\$6) same (button or key or function)) and (adapter or external or personality or interface)) and (("710").CLAS.)) and "bar code"   USPAT   2004/01/16   12:26   |   |
| function)) and (adapter or external or personality or interface)) and (("710").CLAS.)  129 ((((configura\$6 or reconfigura\$6 or re-configura\$6 or re-configura\$6 or re-configura\$6 or reprogram or custom\$\$6\$) same (button or key or function)) and (adapter or external or personality or interface)) and (("710").CLAS.)) and "bar code"  5 6065880.URPN.  0 6600657.URPN.  USPAT 2004/01/16 12:26  0 ("5664231"   "5675524"   "5675525"   USPAT 2004/01/16 12:27  20 ("5708853"   "5768163"   "5808672"   USPAT 2004/01/16 12:27  "5708853"   "57867218"   "5936609"   USPAT 2004/01/16 12:27  "5948086"   "5991468"   "6009336"   USPAT 2004/01/16 12:27  "603698"   "604374"   "6050848"   USPAT 2004/01/16 12:33  - 33 5675524.URPN.  USPAT 2004/01/16 12:33   |   |
| Personality or interface)   and (("710").CLAS.)   (((configura\$6 or reconfigura\$6 or reconfigura\$6 or re-configura\$6 or reprogram or reprogram or custom\$6) same (button or key or function)   and (adapter or external or personality or interface)   and (("710").CLAS.))   and "bar code"   USPAT   2004/01/16   12:26   |   |
| 129  |   |
| - 129 ((((configura\$6 or reconfigura\$6 or re-configura\$6 or re-configura\$6 or reprogram or reprogram or function)) and (adapter or external or personality or interface)) and (("710").CLAS.)) and "bar code"  - 5 6065880.URPN.  - 0 6600657.URPN.  - 20 ("5664231"   "5675524"   "5675525"   USPAT 2004/01/16 12:27  - 20 ("5664231"   "5675524"   "5808672"   USPAT 2004/01/16 12:27  - 5708853"   "5768163"   "5808672"   USPAT 2004/01/16 12:27  - 5948086"   "5991468"   "6009336"   "5948086"   "5991468"   "6009336"   "6036098"   "6041374"   "6050848"   "6050848"   "6219256"   "6230214").PN.  - 33 5675524.URPN.  - 0 6657654.URPN.  - 0 6657654.URPN.  USPAT 2004/01/16 12:33  |   |
| re-configura\$6 or program or reprogram or custom\$6) same (button or key or function)) and (adapter or external or personality or interface)) and (("710").CLAS.)) and "bar code"  5 6065880.URPN.  0 6600657.URPN.  20 ("5664231"   "5675524"   "5675525"   USPAT 2004/01/16 12:27   |   |
| custom\$6) same (button or key or function) and (adapter or external or personality or interface) and (("710").CLAS.)) and "bar code"  5 6065880.URPN.  0 6600657.URPN.  20 ("5664231"   "5675524"   "5675525"   USPAT 2004/01/16 12:27  20 ("5664231"   "56768163"   "5808672"   USPAT 2004/01/16 12:27  "5708853"   "5768163"   "5808672"   USPAT 2004/01/16 12:27  "5815205"   "5867218"   "5936609"   "5948086"   "5991468"   "6009336"   "6036098"   "6041374"   "6050848"   "6050848"   "6219256"   "6230214").PN.  33 5675524.URPN.  0 6657654.URPN.  USPAT 2004/01/16 12:31  USPAT 2004/01/16 12:33  |   |
| function)) and (adapter or external or personality or interface)) and (("710").CLAS.)) and "bar code"  5 6065880.URPN.  0 6600657.URPN.  20 ("5664231"   "5675524"   "5675525"   USPAT 2004/01/16 12:27 204/01/16 12:27 204/01/16 12:27 204/01/16 2:27 204/01/16 2:27 204/01/16 2:27 204/01/16 2:27 204/01/16 2:27 204/01/16 2:27 204/01/16 2:27 204/01/16 2:27 204/01/16 2:27 204/01/16 2:27 204/01/16 2:27 204/01/16 2:31 2:31 2:31 2:31 2:33  |   |
| - 5 6065880.URPN. USPAT 2004/01/16 12:26 - 0 6600657.URPN. USPAT 2004/01/16 12:27 - 20 ("5664231"   "5675524"   "5675525"   USPAT 2004/01/16 12:27 - 20 ("5708853"   "5768163"   "5808672"   "5708853"   "5768163"   "5936609"   "5948086"   "5991468"   "6009336"   "6036098"   "6041374"   "6050848"   "6065880"   "6083353"   "6217359"   "6219256"   "6230214").PN 33 5675524.URPN. USPAT 2004/01/16 12:31 - 0 6657654.URPN. USPAT 2004/01/16 12:33  |   |
| - 5 6065880.URPN.  |   |
| - 0 6600657.URPN.  |   |
| - 0 6600657.URPN. USPAT 2004/01/16  20 ("5664231"   "5675524"   "5675525"   USPAT 2004/01/16  "5708853"   "5768163"   "5808672"   USPAT 2004/01/16  "5948086"   "5991468"   "6009336"   "6036098"   "6041374"   "6050848"   "6065880"   "6219256"   "6230214").PN.  - 33 5675524.URPN. USPAT 2004/01/16  12:31  0 6657654.URPN. USPAT 2004/01/16  12:33  |   |
| - 20 ("5664231"   "5675524"   "5675525"   USPAT 2004/01/16 "5708853"   "5768163"   "5808672"   "5815205"   "5815205"   "5948086"   "5991468"   "6009336"   "6036098"   "6041374"   "6050848"   "6065880"   "6219256"   "6230214").PN.  - 33 5675524.URPN. USPAT 2004/01/16 12:31  - 0 6657654.URPN. USPAT 2004/01/16 12:33   |   |
| - 20 ("5664231"   "5675524"   "5675525"   USPAT 2004/01/16 "5708853"   "5768163"   "5808672"   12:27 "5815205"   "5867218"   "5936609"   "5948086"   "5991468"   "6009336"   "6036098"   "6041374"   "6050848"   "6065880"   "6083353"   "6217359"   "6219256"   "6230214").PN.  - 33 5675524.URPN. USPAT 2004/01/16 12:31   |   |
| "5708853"   "5768163"   "5808672"   "5815205"   "5867218"   "5936609"   "5948086"   "5991468"   "6009336"   "6036098"   "6041374"   "6050848"   "6065880"   "6083353"   "6217359"   "6219256"   "6230214").PN.  - 33 5675524.URPN. USPAT 2004/01/16 12:31 - 0 6657654.URPN. USPAT 2004/01/16 12:33   |   |
| "5815205"   "5867218"   "5936609"   "5948086"   "5991468"   "6009336"   "6036098"   "6041374"   "6050848"   "6065880"   "6083353"   "6217359"   "6219256"   "6230214").PN.  - 33 5675524.URPN.   | Ì |
| "6036098"   "6041374"   "6050848"   "6065880"   "6083353"   "6217359"   "6219256"   "6230214").PN.  33   5675524.URPN.   |   |
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| - 33   "6219256"   "6230214").PN.  |   |
| - 33 5675524.URPN. USPAT 2004/01/16 12:31  |   |
| - 0 6657654.URPN. USPAT 2:31 2004/01/16 12:33  |   |
| - 0 6657654.URPN. USPAT 2004/01/16 12:33   |   |
| 12:33  |   |
|  |   |
| -   16   ("5495581"   "5606594"   "5666159"   USPAT   2004/01/16   | i |
| "5675524"   "5748441"   "5768163"  |   |
| "5815201"   "5822546"   "5867218"  |   |
| "5917545"   "5926208"   "6009336"   "6009336"  |   |
| "6009529"   "6091453"   "6102284"   "6292272").PN.   |   |
| - 19 5822546.URPN. USPAT 2004/01/16  |   |
| 12:36  |   |
| - 8 6049453.URPN. USPAT 2004/01/16   | - |
| 12:38  | 1 |
| - 7 ("5477421"   "5537343"   "5600800"   USPAT 2004/01/16  |   |
| "5673172"   "5689654"   "5822546"  |   |
| "5838542").PN.   |   |
| - 27 ("4769764"   "5052943"   "5187645"   USPAT   2004/01/16   "5195183"   "5227614"   "5264992"   |   |
| "5329427"   "5331580"   "5408382"  |   |
| "5468947"   "5497464"   "5515303"  |   |
| "5544010"   "5602456"   "5606594"  |   |
| "5625555"   "5633782"   "5633920"  |   |
| "5644471"   "5666495"   "5668977"  |   |
| "5675524"   "5689654"   "5712761"  | 1 |
| "5802460"   "5822546"   "6009336").PN.   | l |
| - 8 ("4837590"   "5091873"   "5410141"   USPAT   2004/01/16   12:45  |   |
| "5555491"   "5571859").PN.   |   |
| - 14 ("4142236"   "4788658"   "4893263"   USPAT   2004/01/16   |   |
| "4931978"   "5030128"   "5075693"   12:46  |   |
| "5119504"   "5189632"   "5209583"  |   |
| "5212628"   "5265238"   "5283714"  |   |
| "5307491"   "5364093").PN.<br> - 69 5265238.URPN. USPAT 2004/01/16   |   |
| - 69 5265238.URPN. USPAT 2004/01/16  |   |
| - 7 ("4070704"   "4750136"   "4769764"   USPAT   2004/01/16  |   |
| "4862355"   "4903222"   "5030128"   12:55  |   |
| "5038320").PN.   |   |

| [ -      | 16       | ("5495581"   "5606594"   "5666159"           | USPAT      | 2004/01/16 |
|----------|----------|--|------------|------------|
| 1        |          | "5675524"   "5748441"   "5768163"            |            | 12:58      |
|          |          | "5815201"   "5822546"   "5867218"            |            |            |
|          |          | "5917545"   "5926208"   "6009336"            |            |            |
|          |          | "6009529"   "6091453"   "6102284"            |            |            |
| ]        |          | · '  |            |            |
|          | ٠.,      | "6292272").PN.                               |            | 0004/01/16 |
| _        | 20       | ("5664231"   "5675524"   "5675525"           | USPAT      | 2004/01/16 |
|          |          | "5708853"   "5768163"   "5808672"            |            | 12:59      |
|          |          | "5815205"   "5867218"   "5936609"            |            |            |
|          |          | "5948086"   "5991468"   "6009336"            |            |            |
|          |          | "6036098"   "6041374"   "6050848"            |            | [          |
|          |          | "6065880"   "6083353"   "6217359"            |            | 1          |
|          |          | "6219256"   "6230214").PN.                   |            |            |
|          | ٠,       |  | TTCD N III | 2004/01/16 |
| _        | 20       | ("5664231"   "5675524"   "5675525"           | USPAT      | 2004/01/16 |
|          |          | "5708853"   "5768163"   "5808672"            |            | 13:01      |
|          |          | "5815205"   "5867218"   "5936609"            |            |            |
|          |          | "5948086"   "5991468"   "6009336"            |            | l i        |
|          | }        | "6036098"   "6041374"   "6050848"            |            |            |
|          | <u> </u> | "6065880"   "6083353"   "6217359"            |            |            |
|          |          | "6219256"   "6230214").PN.                   |            |            |
|          |          | ("5664231"   "5671374"   "5675524"           | HEDAT      | 2004/01/16 |
| _        | 4        |  | USPAT      | · · ·      |
|          |          | "5778256").PN.                               | l          | 13:02      |
| -        | 45868    | ("345").CLAS.                                | USPAT;     | 2004/01/16 |
|          |          |  | US-PGPUB   | 13:09      |
| -        | 12261    | (("345").CLAS.) and (((configura\$6 or       | USPAT;     | 2004/01/16 |
|          |          | reconfigura\$6 or re-configura\$6 or         | US-PGPUB   | 13:11      |
|          |          | program or reprogram or custom\$6) same      |            |            |
|          |          | (button or key or function)) and (adapter    |            |            |
|          |          |  |            | 1          |
|          |          | or external or personality or interface))    |            |            |
| -        | 72       |  | USPAT;     | 2004/01/16 |
|          |          | reconfigura\$6 or re-configura\$6 or         | US-PGPUB   | 14:16      |
|          |          | program or reprogram or custom\$6) same      |            |            |
|          |          | (button or key or function)) and (adapter    |            |            |
|          |          | or external or personality or                |            | '          |
|          |          | interface))) and "application button"        |            |            |
|          | 457      |  | TICDAM.    | 2004/01/16 |
| -        | 457      | (application near6 (button or key))          | USPAT;     | 2004/01/16 |
|          |          | near10 (configur\$6 or reconfigur\$6 or      | US-PGPUB;  | 14:18      |
|          |          | re-configur\$6)                              | EPO; JPO;  |            |
|          |          |  | DERWENT;   |            |
|          |          |  | IBM TDB    | l i        |
| _        | 9445     | ((application or function) near6 (button     | USPAT;     | 2004/01/16 |
|          |          | or key)) near10 (configur\$6 or              | US-PGPUB;  | 14:20      |
|          | ŀ        | reconfigur\$6 or re-configur\$6 or           | EPO; JPO;  |            |
| 1        | 1        | Teconity of re-configure of                  |            |            |
| 1        |          | program\$6 or reprogram\$6 or custom\$)      | DERWENT;   | ·          |
|          |          |  | IBM_TDB    |            |
| -        | 2081931  |  | USPAT;     | 2004/01/16 |
|          |          | or interface or "personality module"         | US-PGPUB;  | 14:21      |
|          |          |  | EPO; JPO;  |            |
|          |          |  | DERWENT;   |            |
|          |          |  | IBM TDB    |            |
| _        | 210      | (/"710") CINC ) and //adamtan an automail    |            | 2004/01/16 |
| 1 -      | 210      |  | USPAT;     | 2004/01/16 |
|          |          | or "personality card" or interface or        | US-PGPUB;  | 15:15      |
|          |          | "personality module") and (((application     | EPO; JPO;  |            |
|          |          | or function) near6 (button or key))          | DERWENT;   |            |
|          | [        | near10 (configur\$6 or reconfigur\$6 or      | IBM_TDB    |            |
|          |          | re-configur\$6 or program\$6 or reprogram\$6 | _          |            |
|          |          | or custom()))                                |            |            |
| <u>_</u> | 1157     |  | USPAT;     | 2004/01/16 |
| 1 .      | 113/     |  | · ·        | 15:15      |
| 1        |          | or "personality card" or interface or        | US-PGPUB;  | 12.12      |
| 1        |          | "personality module") and (((application     | EPO; JPO;  | ļ `        |
|          |          | or function) near6 (button or key))          | DERWENT;   | į l        |
|          |          | near10 (configur\$6 or reconfigur\$6 or      | IBM_TDB    | j l        |
|          |          | re-configur\$6 or program\$6 or reprogram\$6 | _          |            |
|          |          | or custom\$)))                               |            |            |
| _        | 16687    | ("708").CLAS.                                | USPAT;     | 2004/01/16 |
|          |          | , , ,  | US-PGPUB   | 15:16      |
| 1        |          |  |            | , <u>;</u> |

| <del>-</del> | 143   | (("708").CLAS.) and ((adapter or external    | USPAT;                                  | 2004/01/16 |
|--------------|-------|--|---|------------|
|              |       | or "personality card" or interface or        | US-PGPUB;                               | 15:16      |
|              |       | "personality module") and (((application     | EPO; JPO;                               |            |
|              |       | or function) near6 (button or key))          | DERWENT;                                |            |
|              |       | near10 (configur\$6 or reconfigur\$6 or      | IBM TDB                                 |            |
|              |       | re-configur\$6 or program\$6 or reprogram\$6 |   |            |
| ]            |       | or custom\$)))                               |   |            |
| _            | 143   | 1  | USPAT;                                  | 2004/01/16 |
| -            | 143   |  | US-PGPUB;                               | 15:29      |
|              |       | or "personality card" or interface or        | 1                                       | 15:29      |
|              |       | "personality module") and (((application     | EPO; JPO;                               |            |
|              |       | or function) near6 (button or key))          | DERWENT;                                |            |
|              |       | near10 (configur\$6 or reconfigur\$6 or      | IBM_TDB                                 |            |
|              |       | re-configur\$6 or program\$6 or reprogram\$6 |   |            |
|              |       | or custom\$)))                               |   |            |
| -            | 45868 | ("345").CLAS.                                | USPAT;                                  | 2004/01/16 |
|              |       |  | US-PGPUB                                | 15:29      |
| -            | 1157  | ((adapter or external or "personality        | USPAT;                                  | 2004/01/16 |
| 1            |       | card" or interface or "personality           | US-PGPUB;                               | 15:30      |
| 1            |       | module") and (((application or function)     | EPO; JPO;                               | i          |
|              |       | near6 (button or key)) near10 (configur\$6   | DERWENT;                                |            |
|              | 1     | or reconfigur\$6 or re-configur\$6 or        | IBM TDB                                 |            |
|              | 1     | program\$6 or reprogram\$6 or custom\$)))    |   |            |
|              |       | and (("345").CLAS.)                          |   |            |
| _            | 247   |  | USPAT;                                  | 2004/01/16 |
|              |       | card" or interface or "personality           | US-PGPUB;                               | 15:31      |
| <u> </u>     | •     | module") and (((application or function)     | EPO; JPO;                               | }          |
|              |       | near6 (button or key)) near10 (configur\$6   | DERWENT;                                | 1          |
| i            |       | or reconfigur\$6 or re-configur\$6 or        | IBM TDB                                 | i          |
|              |       | program\$6 or reprogram\$6 or custom\$)))    | 12011_122                               |            |
|              |       | and (("345").CLAS.)) and ((automatic \$6 or  |   |            |
|              |       | dynamic\$6) near6 function\$6)               |   |            |
|              | 3     |  | USPAT;                                  | 2004/01/16 |
|              |       | ("5979770")).PN.                             | US-PGPUB                                | 16:59      |
|              | 1     | ("5900875").PN.                              |   | 2004/01/20 |
| -            | 1     | ( 39006/3 ).PN.                              | USPAT;<br>US-PGPUB                      | 13:25      |
|              | . 21  | 5900875.URPN.                                |   |            |
| [ -          |       | 5900675.URPN.                                | USPAT                                   | 2004/01/20 |
| -            | 2.1   | FOOOGE UPDY                                  | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 11:06      |
| -            | 21    | 5900875.URPN.                                | USPAT                                   | 2004/01/20 |
| 1 1          |       | ("C20004C") PM                               |   | 11:07      |
| -            | 1     | ("6300946").PN.                              | USPAT;                                  | 2004/01/20 |
|              | _     | /# CF 10 A C7 # \ Day                        | US-PGPUB                                | 14:04      |
| -            | 1     | ("6512467").PN.                              | USPAT;                                  | 2004/01/20 |
|              | _     |  | US-PGPUB                                | 17:57      |
| -            | 0     | 6512467.URPN.                                | USPAT                                   | 2004/01/20 |
|              |       |  |   | 14:04      |
| -            | 4     |  | USPAT                                   | 2004/01/20 |
|              |       | "5781795").PN.                               |   | 14:04      |
| ] -          | 246   | pda and (config\$6 or re-config\$6 or        | EPO; JPO;                               | 2004/01/20 |
|              |       | reconfig\$6)                                 | DERWENT;                                | 17:58      |
| [            |       |  | IBM_TDB                                 |            |
| <b>-</b>     | 355   | (pda or "personal digital assistant") and    | EPO; JPO;                               | 2004/01/20 |
| ļ l          |       | (config\$6 or re-config\$6 or reconfig\$6)   | DERWENT;                                | 17:58      |
|              |       |  | IBM TDB                                 |            |
| -            | 49    | (pda or "personal digital assistant") and    | EPO; JPO;                               | 2004/01/20 |
|              |       | ((config\$6 or re-config\$6 or reconfig\$6)  | DERWENT;                                | 17:59      |
|              |       | near6 (key\$4 or button or display))         | IBM TDB                                 |            |
|              | l     | Title: (melit is surrous or section)//       |   | I          |



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## Search Results

Search Results for: [(adapter or external or 'personality card' or interface or 'personality module') and (application or function) and (button or key) and (configure or reconfigure or re-configure or program or reprogram or customize)]

Found **21,737** of **126,269 searched.** 

Warning: Maximum result set of 200 exceeded. Consider refining.

| Sea           | arch within Results   |   |  |  |  |  |
|---------------|---|---|--|--|--|--|
| > Se          | > Advanced Search   |   |  |  |  |  |
| Sor           | t by: Title Publication Publication Date Score  | *************************************** |  |  |  |  |
| Res           | Sults 1 - 20 of 200 short listing   | *************************************** |  |  |  |  |
| 1 4           | Fast detection of communication patterns in distributed executions Thomas Kunz , Michiel F. H. Seuren Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research November 1997  Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun | 100%                                    |  |  |  |  |
| 2<br>4        | Interactive Editing Systems: Part II Norman Meyrowitz , Andries van Dam ACM Computing Surveys (CSUR) September 1982 Volume 14 Issue 3   | 100%                                    |  |  |  |  |
| 3<br><b>₫</b> | TASH: a free platform-independent graphical user interface development toolkit for Ada Terry J. Westley  Proceedings of the conference on TRI-Ada '96: disciplined software development with Ada December 1996  | 100%                                    |  |  |  |  |

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Search Results

Search Results for: [(pda or "personal digital assistant") <AND>(((adapter or external or 'personality card' or interface or 'personality module') and (application or function) and (button or key) and (configure or reconfigure or re-configure or program or reprogram or customize)))]
Found 466 of 126,269 searched.

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| Sea      | Search within Results  |   |  |  |  |
|----------|--|---|--|--|--|
| > Se     | > Advanced Search  |   |  |  |  |
| Sor      | t by: Title Publication Publication Date Score   | *************************************** |  |  |  |
| Res      | eults 1 - 20 of 200 short listing    C   | •                                       |  |  |  |
| 1        | Pen computing: a technology overview and a vision André Meyer  ACM SIGCHI Bulletin July 1995  Volume 27 Issue 3  This work gives an overview of a new technology that is attracting growing interest in public as well as in the computer industry itself. The visible difference from other technologies is in the use of a pen or pencil as the primary means of interaction between a user and a machine, picking up the familiar pen and paper interface metaphor. From this follows a set of consequences that will be analyzed and put into context with other emerging technologies and visions. Starting with a short historic | 92%                                     |  |  |  |
| 2<br>4   | Using handhelds and PCs together Brad A. Myers Communications of the ACM November 2001 Volume 44 Issue 11  | 91%                                     |  |  |  |
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Found 30 of 126,269 searched.

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|---|--|--|--|--|--|
| > Advanced Search   |  |  |  |  |  |
| y: Title Publication Publication Date Score Binder  | ***************************************  |  |  |  |  |
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**3** Challenges: Challenge:: recombinant computing and the speakeasy approach

W. Keith Edwards , Mark W. Newman , Jana Sedivy , Shahram Izadi

Proceedings of the 8th annual international conference on Mobile computing and networking September 2002

Interoperability among a group of devices, applications, and services is typically predicated on those entities having some degree of prior knowledge of each another.

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|  | [Abstract] [PDF Full-Text (1080 KB)] IEEE JNL   |
|  | 3 SWAN: a mobile multimedia wireless network Agrawal, P.; Hyden, E.; Krzyzanowski, P.; Mishra, P.; Srivastava, M.B.; Trotte J.A.; Personal Communications, IEEE [see also IEEE Wireless Communications], Volume: 3, Issue: 2, April 1996 Pages:18 - 33  |
|  | [Abstract] [PDF Full-Text (6072 KB)] IEEE JNL   |
|  | 4 Probabilistic design analysis: methods and applications   |

Kerlin, S.K.; Reliability and Maintainability Symposium, 1993. Proceedings., Annual, 26-2